

Receiving Report

Date:

12-8-20

Supplier:

ThyssenKrupp materials

Batch No:

122753
171089

Dart P/O:

Packing Slip: Yes No
 Invoice: Yes No
 Receipt: Cash Cr

Release Note Attached: Yes No N/A Waybill Attached: Yes No N/A Shipment Complete: Yes No N/A QC6 Inspection _____ N/A Work Order _____ N/A

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 SP

Production/Admin:

12-8-20

Location _____

Date

Received/Costing

Initial

SP

Purchase Order Receipt Listing

Monday, August 20, 2012 12:04:09 PM

All amounts are calculated in domestic currency

All Vendors PO ID PO17689 Receipt Dates from 8/20/20
All Item ID/GL/WOS All Rec. Employees All Currencies
Grouped by Vendor ID

All Line Item Types

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRRB Qty/ Reject Qty	Book Amt
VendorID/Vendor Name PO17689	9	VC-COP001	Thyssenkrupp Materials CA Ltd	M6061T6A1.000W.1 f	8/21/2012	8/20/2012	42.0000	\$0.68	0.0000	0	\$28.45
CAD	No			6061T6 ANGLE 1.00 f x 1.00 x .125W			42.0000	\$28.45	0.0000	0	

122753

Total Received Quantity:
 Total Qty to Inspect (PO U/M):
 Total Reject Quantity:
 Total Receipt Value:
 Total Balance Due Quantity:

1,002.0000
 0.0000
 0.0000
 \$2,997.14
 0.0000

REGO EN BONNE CONDUITE / REGLEZ-VOUS / TPS/GST TVH/HST # 140223934 RT0001

DA

TOUTES LES ERREURS ET/OU MARQUANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.
ERROS OR SHORTRAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARQUANDISES AVCC NOTRE NUMERO D'APPROBATION SEULLEMENT
MERCHANDES MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

Page: 1 Continued

WT LBS 64

WE LBS 13

WE 144
LBS

481
WE IBS

WE LBS
641

W

Ship To: (1) STAN IVERS (905-532-1350)
DART AEROSPACE (20115)
SOLD TO: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
TEL: 613-632-9577 FAX: 613-632-1053

B I L L O F L A D I N G
1) Our Order PEC-480910- 1 Your PO # 17689
STAINLESS STEEL SHEET 304-B
.0600 NOM X .48-.0000" X .96-.0000"
Heat Number Tag No SF30003 96485
Quantity PCS 8
256.00 SFT

HAWKESBURY, ON K6A 1R7 TEL: 613-632-9577 FAX: 613-632-1053

(T) : tip sys

TEL: 905 669 9444 Fax: 9057389033
CONCORD, ONTARIO L4K 5G6

Ship From: B I L L O F L A D I N G No: PEC 781538
Ship Date: 17Aug12 at 13:38 From PFW

Ship From: B I L L O F L A D I N G
 No: PEC 781538
 Thyssenkrupp Materials NA
 2821 Langstaffe Road
 Concord, Ontario L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033
 Ship Date 17Aug12 at 13:38 from PFW
 Probill
 VIM TRANSFER
 POB CONCORD
 Ext PREPAID
 Route 0-0 Manifest
 Vchicle STAN IVERS (905-532-1350)
 Sld STAN IVERS (20115)
 Sold To: (20115)
 DART AEROSPACE
 Ship To: (1) (1) DART AEROSPACE

B I L L O F L A D I N G
 ======
 6) Our Order PEC-480910- 6 Your PO # 17689
 ALUMINUM FLAT BAR 6061-T6511
 .750" x 2.00" X 144.0000"
 Tag No 96375
 Heat Number 201210036
 Mt LBS 21
 Quantity PCS 1
 Weight PCS 1
 7) Our Order PEC-480910- 7 Your PO # 17689
 ALUMINUM FLAT BAR 6061-T6511
 .750" x 1.250" X 144.0000"
 Tag No 96376
 Heat Number 200255013
 Mt LBS 93
 Quantity PCS 7
 Weight PCS 7
 8) Our Order PEC-480910- 8 Your PO # 17689
 ALUMINUM FLAT BAR 6061-T6511
 1.00" x 4.00" X 144.0000"
 Tag No 96377
 Heat Number 201210303
 Mt LBS 229
 Quantity PCS 4
 Weight PCS 4
 *** Chemical Analyses ***
 Heat Number

Page: 2 ... Continued
 TO SHIPPING.
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 MAIL TEST REPORTS, PACKING SLIPS ARE SENT
 RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROVAL SEULEMENT
 ERREURS OU SHORTEAGE MUST BE REPORTED IMMEDIATELY
 TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOVENT ETRE
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REQUISITION / RECEIVED IN GOOD CONDITION
TVO/QST# JU1222941 T0001 TPS/GST/VH/HST # 140223934 T0001

TOUFS ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTERES IMMEDIATEMENT
ERREURS DE MARCHANDISES AVEC NUMERO D'APPROBATION SEULEMENT
MERCHANDEISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

Page: 3 Last

=====

BILLING INFORMATION

Ship From: No: PEC 781538

THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 9057389033

Via VIM TRANSFER

FOB CONCORD

Frt PREPAID

Route 0-0 Manifest

Vchle Trailler

Slip STAN IVERS (905-532-1350)

Sold To: (20115)

DART AEROSPACE

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

TOTAL 1 SKID, 2 BDLs G.W 1744 LBS

ITEM (1-3) SKID

ITEM (4) BDL

ITEM (5-8) BDL

* CUSTOMEER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA

* CONCORD, ONT. *** 9:00 AM TO 4:00 PM ***

* *** TEL. 800-926-2600 ***

* WE STOCK STAINLESS STEEL

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT

* *** PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE ADDED TO EVERY ORDER.***

INSPECTION CERTIFICATE

VIEH MAU CORP.

INVOICE NO. : F12M114-1
COMMODITY : PRIME COLD ROLLED STAINLESS STEEL SHEET

SPECIFICATION : AISI 304/304L/ASTM A240/A480 ASME SA240/SA480
CUSTOMER : OLBERT METAL SALES LIMITED

DAS
16.8
11/5/14

NO.345, SHUNAN RD., LUZHU DIST.,
KAOHSIUNG CITY 821, TAIWAN (R.O.C.)
TEL: 886 7 6976266 FAX: 886 7 6973006
CERTIFICATE NO.: F12M114-1
DATE OF ISSUE: 02/13/2012

PAGE: 1

SIZE	NO. of Product	Weight in KG	Heat No.	ID No.	Mechanical Properties						Chemical Composition (%)							
					Y.S. (N/mm ²)	T.S. (N/mm ²)	EL. (%)	HRB	RV	C x 100	Si x 100	Mn x 100	P x 1000	S x 1000	Ni x 100	Cr x 100	N x 100	
304/304L 2B PI																		
11GA X 48" X 96"	1	1,697	YU208719	OBSS73230C-14	295	678	52	86	175	2.2	53	93	39	3	807	1816	4.3	
11GA X 48" X 120"	1	1,682	YU208719	OBSS73230C-13	285	678	52	86	175	2.2	53	93	39	3	807	1816	4.3	
16GA X 48" X 96"	1	1,684	YU167818	11S4D497-1	283	653	49	82	160	2	40	148	36	5	802	1809	4.3	
16GA X 48" X 120"	1	1,676	YU167818	11S4D497-2	293	653	49	82	160	2	40	148	36	5	802	1809	4.3	
20GA X 48" X 96"	1	1,694	YU156267	84S10933A-1	309	632	48	83	163	1.9	44	151	31	2	805	1808	4.4	
20GA X 48" X 120"	1	1,685	YU156267	84S10933A-2	309	632	48	83	163	1.9	44	151	31	2	805	1808	4.4	
22GA X 48" X 96"	1	1,724	YU120088	07S77150AC-21	310	663	54	85	173	2.2	52	99	36	2	806	1821	5.8	
22GA X 48" X 120"	1	1,680	YU120088	07S77150AC-22	310	663	54	85	173	2.2	52	99	36	2	806	1821	5.8	
22GA X 60" X 120"	1	1,690	YU205977	05S77495B-431	289	699	47	86	175	2.3	46	96	44	2	801	1827	5.3	
22GA X 60" X 120"	1	1,677	YU205977	05S77495B-432	289	699	47	86	175	2.3	46	96	44	2	801	1827	5.3	
26GA X 48" X 96"	1	1,374	YU205977	03S72294A-2151	268	692	52	82	160	2.2	53	96	42	2	808	1813	5.2	
26GA X 48" X 96"	1	1,307	YU205977	03S72294A-2152	268	692	52	82	160	2.2	53	96	42	2	808	1813	5.2	
26GA X 48" X 96"	1	1,472	YU167817	0CS39410A-11	285	668	50	82	160	2	37	141	39	9	802	1805	3.7	
		13																

Remarks:

NO. MERCURY CONTAMINATION

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS
BEEN MADE IN ACCORDANCE WITH THE RULES OF THE MILL CERTIFICATE.

THE COUNTRY OF MELT AND MANUFACTURE: TAIWAN

VIEH MAU CORP.

Lin Hsin Hsing
Manager of Quality Assurance Section

1774


YIEH MAU CORP.

INVOICE NO. : F12M114-1
 COMMODITY : PRIME COLD ROLLED STAINLESS STEEL SHEET
 TEL: 886 7 6976266 FAX:886 7 697306
 CERTIFICATE NO: F12M114-1
 DATE OF ISSUE:02/13/2012

INSPECTION CERTIFICATE

SPECIFICATION : AISI 304 ASTM A240/A480 ASME SA240/SA480 EN10204:2004
 CUSTOMER : OLBERT METAL SALES LIMITED

Mechanical Properties

Tensile Test

GL=50 mm

(N/mm²)

(N/mm²)

(%)

C

Si

Mn

P

S

Ni

Cr

N

(%)

x 100

x 1000

x 100

x

THYSSENKRUPP MATERIALS NA

PO/Ref 117689

DART AEROSPACE
STAINLESS STEEL SHEET "304-2B
0600 Nom X 48.0000" X 96.0000"

PART NO.

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by: _____
BL PEC-781558-001

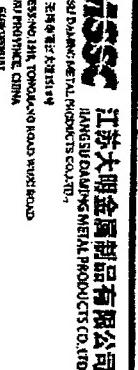
17Aug12
Pg 1/1

产品质 量 证 明 书

MILL TEST CERTIFICATE

品名: COMMERCIAL STAINLESS

Commodity: STEEL SHEET, SPLIT EDGE



江 苏 大 明 金 属 制 造 有 限 公 司
JIANGSU DAMING METAL PRODUCTS CO., LTD.
ADD: 200000, TONGJIAO ROAD, WUXI CITY,
JIANGSU PROVINCE, CHINA
Tel.: +86 510 8278 8455

报告号: M120302001
日期: 2012-4-15
Date:

报告号: M120302001
日期: 2012-4-15
Date:

序号	Product No.	規格 Specification	Product Size Dimensions	重量 Weight	規格 Specification	拉伸试验 Tensile Test	弯曲试验 Bending Test	冲击试验 Impact Test	抗拉强度 Tensile Strength	屈服强度 Yield Strength	延伸率 Elongation	硬度 Hardness	热处理 Heat Treatment	钢种 Steel Type	炉号 Heat No.	Chemical Composition (%)						
																ASTM A240	ASTM A240	ASTM A240	ASTM A240	ASTM A240	ASTM A240	ASTM A240
1	0201092980	304	2B	0.5	1210	2430	91014	ASTM A240	215	731	65	103	Q195-Q235	SP20011	0.0510	0.5450	1.0520	0.0321	0.0557	0.02	18.28	/
2	0201092981	304	2B	0.5	1210	2048	008239	ASTM A240	275	731	65	103	Q195-Q235	SP20011	0.0510	0.5080	1.0530	0.0321	0.0557	0.02	18.28	/
3	02011715073	304	2B	0.6	1210	3048	008300	ASTM A240	270	731	60	107	Q195-Q235	SP20010	0.0468	0.5120	1.0410	0.0288	0.0356	0.02	18.32	/
4	02010927116	304	2B	1.5	1210	2430	1813.76	ASTM A240	273	602	62	168	Q195-Q235	SP20003	0.0376	0.4440	1.0220	0.0186	0.0322	0.05	18.17	/
5	0201092721	311	2B	1.5	1210	3048	003148	ASTM A240	273	602	52	158	Q195-Q235	SP20003	0.0378	0.4480	1.0220	0.0185	0.0322	0.05	18.17	/
6	0201093221	304	2B	1.9	1210	3048	016724	ASTM A240	273	602	62	158	Q195-Q235	SP20003	0.0397	0.4480	1.0220	0.0186	0.0322	0.05	18.17	/
7	02011715053	304	2B	2.0	1210	3048	020146	ASTM A240	293	705	58	173	Q195-Q235	SP20005	0.0470	0.4720	1.0300	0.0200	0.0351	0.05	18.17	/
8	02010927233	304	2B	3.0	1210	2430	1603.00	ASTM A240	201	663	61	175	Q195-Q235	SP20003	0.0514	0.4810	1.0420	0.0243	0.0354	0.05	18.44	/
9	02010927255	304	2B	3.0	1210	3048	1407.60	ASTM A240	201	603	61	175	Q195-Q235	SP20002	0.0504	0.4810	1.0420	0.0243	0.0354	0.05	18.44	/
10	02011715038	304	2B	2.0	1210	2430	1403.30	ASTM A240	267	747	55	174	Q195-Q235	SP20003	0.0378	0.4480	1.0210	0.0186	0.0322	0.05	18.17	/
11	0201093211	304	2B	2.5	1210	3048	1383.90	ASTM A240	207	714	56	174	Q195-Q235	SP20003	0.0378	0.4480	1.0210	0.0186	0.0322	0.05	18.17	/
12	0201092702	304	NO.4R	1.5	1210	2430	1056.40	ASTM A240	267	684	50	164	Q195-Q235	SP20027	0.0476	0.5270	1.0650	0.0308	0.0349	0.04	18.22	/
13	0201092703	304	NO.4R	1.5	1210	2430	1975.50	ASTM A240	257	684	50	164	Q195-Q235	SP20027	0.0476	0.5270	1.0650	0.0308	0.0349	0.04	18.22	/
14	02010927056	304	NO.4R	2.0	1210	2430	1903.60	ASTM A240	310	647	53	183	Q195-Q235	SP20056	0.0440	0.4500	1.0500	0.0300	0.0311	0.1	18.21	0.045
15	02010927059	304	NO.4R	2.5	1210	2430	1870.30	ASTM A240	267	714	55	174	Q195-Q235	SP20053	0.0378	0.4480	1.0210	0.0186	0.0322	0.05	18.17	/
16	02010927057	304	NO.4R	2.5	1210	2430	1570.30	ASTM A240	267	714	55	174	Q195-Q235	SP20053	0.0378	0.4480	1.0210	0.0186	0.0322	0.05	18.17	/

J. R. P. Richter, G. B.
Sales and Service, Germany

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN TESTED AND FOUND TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATION.

THYSSENKRUPP MATERIALS NA
Jiangsu Daming Metal Products Co., Ltd.
TECHNICAL DEPT
WUXI, JIANGSU, CHINA
王 迪 飞
Jiangsu Daming Metal Products Co., Ltd.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511
.750" X 1.50" X 144.000"

PART NO.

PO/Ref 17689
We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by: _____

Certificate of Mill Test Results

BL.PEC-781538-005

17Aug12
Pg 1/1

EXTRUDEX
ALUMINUM

TEL: (416)745-4444 FAX:(416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
<http://www.extrudex.com>

MILL TEST REPORT

BILL TO:
THYSSENKRUPP MATERIALS, NA
SHIP TO:
THYSSENKRUPP MATERIALS, NA
SO DESCRIPTION:
.750"X1.5" FB

Cust Code:
1
CUSTOMER PO:
PEC-239214
CUSTOMER PART NUMBER:
1-750-1500

Die Number:
S 4969
DATE OF SHIPMENT:
6/7/2012
EXTRUDEX ORDER NO.:
146022 - 1
ALLOY:
6061
TEMPER:
T6511
SALESMAN:
FORBES DODWELL
PART DESCRIPTION:
MADE IN CANADA
CERTIFICATE:

MILL TEST ASTM B221
1-800-668-7210

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	Jun/06/12	49.9	44.9	16.50	92.9,92.9,92.0	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Si	Co	Al	Other
A.11 2BR448	0.74	0.34	0.34	0.06	1.05	0.08	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

David Natale
Quality Control Manager

6061
T6511

Plant Serial: 00051178
Kaiser Order Number: 623913
Line Item: 002
Page 1 of 2

(2/24/12)

MANUFACTURED IN CSA MFGD IN USA
ASME-B22.1-22 STANDARDS ASME-SB22.1 1998 SECT II (AMS-QQ-A-200/8 (2007) UNS#A9606.
(T6511 also conforms to T6-not applicable to other tempers)
APPLICABLE REQUIREMENTS:

LIMITS	S1	R1	C1	Mn	Mg	Cr	Zn	T1	Pb	Br	Zr	Ba	Total
Maximun	0.3C	0.70	0.40	0.15	1.20	0.35	0.25	0.15	XA	NA	NA	3.05	0.15
Minium	0.40	0.40	0.15	0.15	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.03
101635	.70	.27	.26	.10	.95	.10	.02	.03	.00	.00	.01	.01	.03

Chemical Composition (wt%), Aluminum Remainder

200255013	OC01	1	30.0	47.2	17.3	RE	93	N/A	N/A	N/A	N/A	N/A
200255013	OC01	2	50.4	47.8	17.3	RE	92	N/A	N/A	N/A	N/A	N/A
200255013	OC01	3	50.5	47.8	17.5	RE	93	N/A	N/A	N/A	N/A	N/A
200255013	OC01	4	50.3	47.6	17.3	RE	91	N/A	N/A	N/A	N/A	N/A
200255013	OC01	5	49.7	66.8	17.3	RE	93	N/A	N/A	N/A	N/A	N/A
200255013	OC01	6	50.4	47.6	17.6	RE	92	N/A	N/A	N/A	N/A	N/A
200255013	OC01	7	49.8	47.8	17.7	RE	93	N/A	N/A	N/A	N/A	N/A
200255013	OC01	8	49.9	47.9	17.7	RE	93	N/A	N/A	N/A	N/A	N/A
200255013	OC02	2	50.3	43.0	17.8	RE	93	N/A	N/A	N/A	N/A	N/A
200255013	OC02	3	49.9	47.9	17.8	RE	93	N/A	N/A	N/A	N/A	N/A
200255013	OC02	4	50.3	47.6	17.7	RE	93	N/A	N/A	N/A	N/A	N/A
200255013	OC02	5	49.7	66.8	17.3	RE	91	N/A	N/A	N/A	N/A	N/A
200255013	OC02	6	50.4	47.8	17.5	RE	92	N/A	N/A	N/A	N/A	N/A
200255013	OC02	7	49.8	47.8	17.5	RE	93	N/A	N/A	N/A	N/A	N/A
200255013	OC02	8	49.9	47.9	17.7	RE	93	N/A	N/A	N/A	N/A	N/A
200255013	OC02	9	49.8	47.8	17.7	RE	93	N/A	N/A	N/A	N/A	N/A
200255013	OC02	10	49.9	47.9	17.8	RE	93	N/A	N/A	N/A	N/A	N/A

Actual Physical Properties

REFERENCE	DAE#	SAMPLE#	UTS (ksi)	VTS (ksi)	ELONGA	HARDNESS	CONDUCR.	SEND
200255013	OC01	1	30.0	47.2	17.3	RE	93	N/A
200255013	OC01	2	50.4	47.8	17.3	RE	93	N/A
200255013	OC01	3	50.5	47.8	17.3	RE	93	N/A
200255013	OC01	4	50.3	47.6	17.3	RE	91	N/A
200255013	OC01	5	49.7	66.8	17.3	RE	93	N/A
200255013	OC01	6	50.4	47.8	17.6	RE	92	N/A
200255013	OC01	7	49.8	47.8	17.6	RE	93	N/A
200255013	OC01	8	49.9	47.9	17.7	RE	93	N/A
200255013	OC02	2	50.3	43.0	17.8	RE	93	N/A
200255013	OC02	3	49.9	47.9	17.8	RE	93	N/A
200255013	OC02	4	50.3	47.6	17.7	RE	93	N/A
200255013	OC02	5	49.7	66.8	17.3	RE	91	N/A
200255013	OC02	6	50.4	47.8	17.6	RE	92	N/A
200255013	OC02	7	49.8	47.8	17.6	RE	93	N/A
200255013	OC02	8	49.9	47.9	17.7	RE	93	N/A
200255013	OC02	9	49.8	47.8	17.7	RE	93	N/A
200255013	OC02	10	49.9	47.9	17.8	RE	93	N/A

CERTIFIED TEST REPORT

KALAMAZOO, MI 49048
5205 KAISEER DRIVE
FABRICATED PRODUCTS, LLC
KAISEER ALUMINUM
FABRICATED PRODUCTS

http://Online.KaiSerAluminum.com

CERTIFICATE OF MIL TEST RESULTS

DART AEROSPACE ALUMINUM FLAT BAR .061-.7511: 17Aug12

PO/R# 17689 17Aug12
BL/PC-71538-007

Signed by: _____
We certify that this is a true copy of the report
submitted by the producer of the metal, or data
resulting from tests made in approved labs.
PART NO. 750 x 1.250" X 144.000"

ALUMINUM FLAT BAR .061-.7511: 17Aug12

17Aug12

Plant Serial: 00051178
Kaiser Order Number: 623913
Line Item: 002

Page 2 of 2

Kaiser Aluminum Extruded Products, LLC hereby certifies that the metal supplied under this order has been inspected and tested and found in conformance with applicable specifications, showing a part of the description section in Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Calvin Latting, Quality & Technology Manager

CERTIFICATION

CERTIFIED TEST REPORT
<http://Quality.KaiserAluminum.com>

KAI SER ALUMINUM
FABRICATED PRODUCTS
5205 KAISER DRIVE
KALAMAZOO, MI 49048

DART AEROSPACE
ALUMINUM FLAT BAR 0061-T6511
.75" x 125" x 144,0000" PART NO.
We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by: _____
P.O./R.A. 1769
BL PEC-781538-007 17Aug12
DAR

THYSSENKRUPP MATERIALS NA
Certificate of Mill Test Results

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SHEET, 304-2B
0.350 Nom X 48.0000" X 96.0000"

PART NO.

PO/Rel 17689

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

BL-PFEC-781558-002

17Aug12
Pg 1/1

Certificate of Mill Test Results

YIEH UNITED STEEL CORPORATION

No. 686, Xianglong St., Jiaoxi 711, New Taipei City, Taiwan (R.O.C.)

Customer: DART METAL SALES LIMITED

Customer No.:

Order No.:

MILL CERTIFICATE
Product: COLD ROLLED STAINLESS STEEL SHEET IN COIL
Specification/Steel Grade: ASTM A240/ASME SA 24H-11 S 30400/S 30403
Surface Finish:

Certificate No.: 812051A30

Date: FEB 20, 2012

Page: 1/1

AS
812051A30

Product ID	Chemical Composition (%)										Tensile Test			Hardness Test		Bend Test	
	C	Si	Mn	P	S	Ni	Cr	N	Mo	Cu	0.2%	1%	T.S.	EL(%)	HRB	UTS	
ISI1201AA	0.030	0.75	2.00	0.045	0.030	8.00	18.00	0.080			0.2%	1%	T.S.	EL(%)	HRB	UTS	
ISI1201AB	0.031	0.41	1.41	0.041	0.003	8.05	18.22	0.012	0.28	0.35	210	623	58	78	149		
ISI1201BA	0.021	0.41	1.41	0.041	0.003	8.06	18.22	0.012	0.28	0.35	270	623	58	78	149		
ISI1201BB	0.021	0.41	1.41	0.041	0.003	8.06	18.22	0.012	0.28	0.35	285	622	59	79	152		

Product ID	Heat No.	Dimension	Edge	Qty	Weight	Remarks
ISI1201AA	YU63178	0.90 mm	* 1219 mm * 1219 mm	1	4,908 KG	1. Test Method: 1.1 Metal Analysis: C, N by JIS G 1211-3-2011, JIS G 1215-4-2010, JIS G 1225-1997(Amendment 1-2006), Others by JIS G 1253-2002.
ISI1201AB	YU63178	0.90 mm	* 1219 mm * 1219 mm	1	4,998 KG	1.2 Tensile Test: JIS Z 2241-2011.
ISI1201BA	YU63178	0.90 mm	* 1219 mm * 1219 mm	1	4,994 KG	1.3 Hardness Test: JIS Z 2245-2011. Others by JIS Z 2244-2009
ISI1201BB	YU63178	0.90 mm	* 1219 mm * 1219 mm	1	4,580 KG	1.4 Bend Test: In accordance with ASTM E10-07 conversion. 2. MECHANICAL PROPERTIES REFER TO TENSILE TEST, HARDNESS TEST.
Subtotal 19,080 KG						

Manager of Quality Assurance Department

1. We hereby certify that material described herein has been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.
2. The material described above has been detected with free irradiation.
3. YUSCO has established a QMS according to ISO 9001, which is certified by DNV CERT(Cert. no: 0058-2002-AD-RCC-RWA).
4. Inspection and gauge measurement: Satisfactory
5. The report can only be reproduced in full.
6. This certificate applies to 3.1 DIN EN 10204:2005.
7. The tests including "Chemical Composition", "Tensile Test", "Hardness Test" and "Bend Test", "Intergranular Attack (I.G. TEST)" have been accredited by A2LA(Testing Cert. No. 958.02).

M. J. Long

DART AEROSPACE ALUMINUM ANGELB 6061-T6511 PART NO. 100" x 1.00" x .125" x 240.0000"

Signature by: _____ Date: PO/RD 17689

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

17Aug12 Pg 1/1

Certificate of MIL Test Results

THYSSENKRUPP MATERIALS NA

CAN ART
ALUMINUM EXTRUSION INC.

MATERIAL TEST REPORT

Ship To: ThyssenKrupp Materials NA
Ticket: 5262364
Manager: 246682

Concord, ON L4K 5C6

Our Order: 386343 - 1 Cust P.O.: 239840

Die: ESD5666 Part: 05666-000-240 Alloy Temp: 6061 T6511 Description: 1.000 x 1.000 x .125

Print Date: 6/19/12

Chemical Composition Range

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other Each	Other Total
Min	0.40	0.7	0.40	0.15	0.15	0.35	0.25	0.15	0.05	0.15
Max	0.8	0.7	0.15	0.15	0.04	0.8	0.25	0.15	0.05	0.15

Mechanical Properties

Sample ID	Cast #	Lot #	Test Date	Ultimate Tensile	Yield 2% offset	Elongation 2" Gauge Length	130492 12060011B All 6/18/12 43.93 40.29 10.9

Applicable Specifications ASTM B270-08 QQA200/8 16 7/10/21

Country of Origin: 85 Parkshore Drive, Brampton, Ontario CANADA L6T 5M1

Agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment incurred during the manufacture and sale of its products, and is subject only to the replacement of any materials not within Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be caused upon receipt of materials shipped under this order have been inspected and tested in accordance with Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with

Authorized:

Ray Hussain - Tensile Testing

Evan Erie, Quality Assurance Mgr.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
.750" X 2.00" X 144.0000"

PART NO.



SERVICE CENTER METALS
5850 Quality Way
Prince George, VA 23875

POReL17689

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

Certificate of Mill Test Results
BL PHC-781538-006
17Aug12
Pg 1/1

OUR ORDER NUMBER
152110

ITEM
5

BILL TO
ThyssenKrupp Materials NA
SHIP TO
ThyssenKrupp Materials NA PEC

MANIFEST NUMBER
161978

CUSTOMER PO
PEC-239616

CUSTOMER PART NUMBER
RB0115

ALLOY TEMPER
6061-T6511

SALESPERSON
David Schroeder

DESCRIPTION
SCRB .750x2.000

CERTIFICATION
ASTM-B221-12 Stencil/Continuous

SPECIFICATION
AMS-QQA-2001B-07

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA.

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201210036	06/09/12	45.3	42.5	13.7
2	201210036	06/09/12	47.8	43.7	13.4
3	201210036	06/09/12	44.7	41.7	14.7
4	201210036	06/09/12	47.8	43.8	14.4

AS
16
16/21

Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Tl	Al	Each	Others	Total	Melt Source:
0512187	6061	0.75	0.36	0.31	0.10	0.89	0.10	0.06	0.02	97.41	0.05	0.15		United States of America
060421	6061	0.74	0.37	0.33	0.10	0.90	0.09	0.08	0.02	97.37	0.05	0.15		United States of America

Calvin L. Wiggins

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
1.00" X 4.00" X 144.000"

PART NO.

PO/Rel 17689

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by: _____
BL-PPEC-781538-008
17Aug12
Pg 1/1



SERVICE CENTER METALS

5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
152409	3

BILL TO
ThyssenKrupp Materials NA
SHIP TO
ThyssenKrupp Materials NA PEC
Quantity Certified
1,482 lbs
26 pcs

MANIFEST NUMBER
162248
DME NUMBER
RB0128
DATE OF SHIPMENT
6/19/2012
CUSTOMER PO
PEC-239753
CUSTOMER PART NUMBER
RB0128

ELLOY TEMPER
6061-T6511
DESCRIPTION
SCRB 1.000x4.000

SALESPERSON
David Schroeder

SPECIFICATION
AMS-QQA-2001B-07

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

Mechanical Properties

Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
06/12/12	50.2	46.9	14.9

1
20120303

ASME
2012

Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Others	Total	Melt Source:
0512135	6061	0.73	0.38	0.31	0.09	0.84	0.09	0.07	0.02	97.47	0.05	0.15	United States of America	

Print Date: 6/19/2012

Order Form :	THYSSENKRUPP MATERIALS CA LTD	TORONTO, ON M5W 5V8	CA
Contact Name	Buyer	Chantal Lavioie	
Vendor Phone	905 669 9444	Reqd/Station Nbr	10127-2607
Vendor Fax	905 738 9033	Tax Resale Nbr	
Vendor Account Nbr	Currency	Terms	Net 30
CAD		Net 30	
FOB		Destimation-Collect	
CANADA		HAWKESBURY, ON K6A 1K7	1270 ABERDEEN
DART AEROSPACE LTD			DART AEROSPACE LTD
Line Nbr	Reference	Revision ID	Vendor Part Number
1	M304S16GA	8/21/12	304/316 Sheet .063
2	M304S20GA	8/21/12	304/316 .040 Sheet
3	M304S26GA	8/21/12	304/316 0.018 SHEET
<p style="text-align: right;">RECD UPON DELIVERY</p> <p style="text-align: center;">MATERIAL CERTIFICATION</p> <p style="text-align: right;">8/15/12</p>			
<p>No substitution or deviation without consent.</p> <p>Certificate of Conformity of Material consent.</p> <p>Certification required YES NO</p>			
<p style="text-align: right;">8/15/12</p>			



Order Form:

VC-COP001

Page Number 3 of 4

Purchase Order Date 8/15/12

Purchase Order ID: PO17689

PURCHASE ORDER

Dawn Microspace Ltd.
1270 Aberdeen Street
Halifax, Nova Scotia B3H 2L2
Tel: 613 632 9577
Fax: 613 632 1053

Change Nbr: 2

Change Date: 8/15/12

Certificate of Conformity or Material
consent. YES NO

No substitution or deviation without

MATERIAL CERTIFICATION

READY UPON DELIVERY

SP128-36

Special Inst: MATERIAL: 6061-T6/T6510/T6511
ALUMINUM ANGLE
AS PER AMS-QQ-A-200/8

PO Total: \$3,422.84

Contact Name	Buyer	Charitai Laviole	FOB	Destination-Collect
Vendor Phone	905 669 9444	Request Nbr	Terms	CAD
Vendor Fax	905 738 9033	Tax Resale Nbr	Net 30	
			10127-2607	

Order From: VC-COP01
TYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL - C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CA

Page Number 4 of 4

Purchase Order Date 8/15/12
PO Print Date 8/15/12

Purchase Order ID PO17689

PURCHASE ORDER

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K9A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

a c e